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AGILENT TECHNOLOGIES, INC.  
Legal Department, DL429  
Intellectual Property Administration  
P. O. Box 7599  
Loveland, Colorado 80537-0599

ATTORNEY DOCKET NO. 10031558-1

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Chul Hong Park

Serial No.: 10/804,356

Examiner: Glenn, Kimberly E.

Filing Date: March 19, 2004

Group Art Unit: 2817

Title: IMPEDANCE TRANSFORMATION NETWORK, POWER AMPLIFIER AND METHOD FOR  
EFFICIENTLY TRANSMITTING OUTPUT SIGNAL USING A SERIES VARACTOR DEVICE

COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria VA 22313-1450

## TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- ☒ Response/Amendment ☐ Petition to extend time to respond  
☐ New fee as calculated below ☐ Supplemental Declaration  
☒ No additional fee (Address envelope to "Mail Stop Amendments")  
☐ Other: (Fee \$ \_\_\_\_\_)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS		MINUS		= 0	X 50	\$ 0
INDEP. CLAIMS		MINUS		= 0	X 200	\$ 0
<input type="checkbox"/> FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ 360	\$ 0
EXTENSION FEE	1 <sup>ST</sup> MONTH 120.00 <input type="checkbox"/>	2 <sup>ND</sup> MONTH 450.00 <input type="checkbox"/>	3 <sup>RD</sup> MONTH 1020.00 <input type="checkbox"/>	4 <sup>TH</sup> MONTH 1590.00 <input type="checkbox"/>	OTHER FEES	
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 50-1078. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 50-1078 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 50-1078 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this transmittal letter is enclosed.

Respectfully submitted,

Chul Hong Park

By

*Thomas H. Ham*

Thomas H. Ham  
Attorney/Agent for Applicant(s)

I hereby certify that this paper is being facsimile  
transmitted to the Patent and Trademark Office on  
the date shown below:

Date of facsimile: 9/19/2005

Typed Name: Thomas H. Ham

Signature:

*Thomas H. Ham*

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Date: 9/19/2005

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Rev 08/05 (TransAmnd)

Attorney Docket No. 10031558-1

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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SEP 19 2005

Applicant(s): Chul Hong Park

Group Art Unit: 2817

Serial No. 10/804,356

Confirmation No. 9213

Filed: March 19, 2004

Examiner: Glenn, Kimberly E.

For: IMPEDANCE TRANSFORMATION NETWORK, POWER AMPLIFIER  
AND METHOD FOR EFFICIENTLY TRANSMITTING OUTPUT SIGNAL  
USING A SERIES VARACTOR DEVICE

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE TO OFFICE ACTION

Sir/Madam:

In response to the Office Action mailed on June 20, 2005, please amend the  
above-identified patent application as follows:

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks** begin on page 6 of this paper.

## CERTIFICATE OF TRANSMISSION UNDER 37 C.F.R. 1.8

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being facsimile transmitted to  
the Patent and Trademark Office facsimile number (571) 273-8300 on September 19, 2005.

Number of Pages: 2 (including Transmittal Letter)

Signed: 

Typed Name: Thomas H. Ham